

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE100716\
 Data File : BE092451.D
 Acq On : 7 Oct 2016 17:46
 Operator : UM/SJ
 Sample : PB93506BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB93506BS

Quant Time: Oct 07 22:58:16 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE092216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 22 18:25:56 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	10824	5.00	ng	-0.02
7) Naphthalene-d8	10.95	136	47245	5.00	ng	0.00
12) Acenaphthene-d10	14.82	164	30105	5.00	ng	0.00
18) Phenanthrene-d10	17.56	188	54655	5.00	ng	0.00
24) Chrysene-d12	21.75	240	84932	5.00	ng	0.00
31) Perylene-d12	24.11	264	73307	5.00	ng	0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.67	112	19077	7.48	ng	-0.02
5) Phenol-d6	7.34	99	24568	6.75	ng	-0.02
8) Nitrobenzene-d5	9.34	82	11859	3.53	ng	-0.02
13) 2,4,6-Tribromophenol	16.31	330	6751	6.36	ng	-0.01
14) 2-Fluorobiphenyl	13.43	172	28920	4.06	ng	-0.01
26) Terphenyl-d14	20.17	244	39339	3.73	ng	0.00

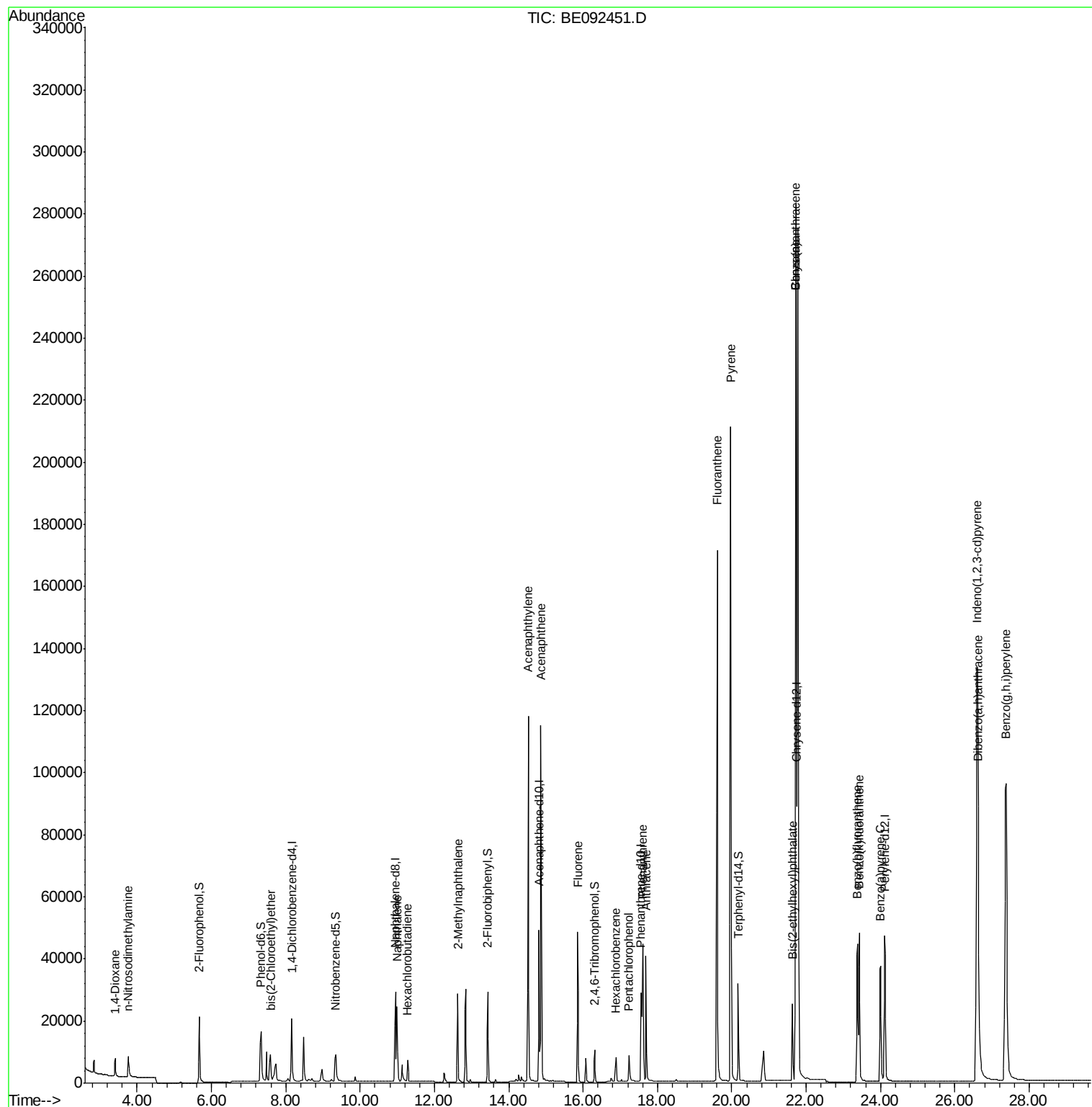
Target Compounds						Qvalue
2) 1,4-Dioxane	3.41	88	3671	3.13	ng	# 81
3) n-Nitrosodimethylamine	3.76	42	6078	3.59	ng	# 95
6) bis(2-Chloroethyl)ether	7.59	93	9809	3.45	ng	# 26
9) Naphthalene	10.99	128	35373	3.46	ng	# 95
10) Hexachlorobutadiene	11.28	225	5330	3.31	ng	100
11) 2-Methylnaphthalene	12.62	142	23545	3.48	ng	# 89
15) Acenaphthylene	14.53	152	156172	3.58	ng	100
16) Acenaphthene	14.87	154	23593	3.46	ng	93
17) Fluorene	15.86	166	30482	3.52	ng	99
19) Hexachlorobenzene	16.89	284	8999	3.85	ng	# 63
20) Pentachlorophenol	17.23	266	7471	8.71	ng	# 85
21) Phenanthrene	17.60	178	53826	4.29	ng	# 94
22) Anthracene	17.70	178	52390	4.34	ng	99
23) Fluoranthene	19.61	202	234030	3.92	ng	99
25) Pyrene	19.97	202	252950	3.44	ng	99
27) Benzo(a)anthracene	21.72	228	584932	7.07	ng	# 86
28) Chrysene	21.72	228	588117	7.76	ng	# 67
29) Bis(2-ethylhexyl)phthalate	21.63	149	31607	4.44	ng	# 76
30) Indeno(1,2,3-cd)pyrene	26.60	276	303285	3.77	ng	98
32) Benzo(b)fluoranthene	23.38	252	72076	4.06	ng	# 97
33) Benzo(k)fluoranthene	23.43	252	65586	3.53	ng	94
34) Benzo(a)pyrene	24.01	252	66679	3.83	ng	# 95
35) Dibenzo(a,h)anthracene	26.63	278	63006	3.95	ng	94
36) Benzo(g,h,i)perylene	27.38	276	260186	3.80	ng	97

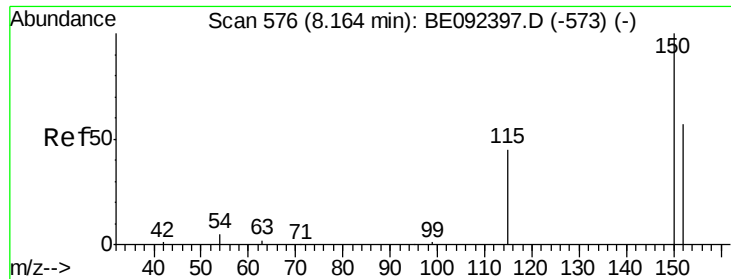
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE100716\
Data File : BE092451.D
Acq On : 7 Oct 2016 17:46
Operator : UM/SJ
Sample : PB93506BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB93506BS

Quant Time: Oct 07 22:58:16 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE092216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 22 18:25:56 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.16 min Scan# 576

Delta R.T. -0.02 min

Lab File: BE092451.D

Acq: 7 Oct 2016 17:46

Instrument :

BNA_E

ClientSampleId :

PB93506BS

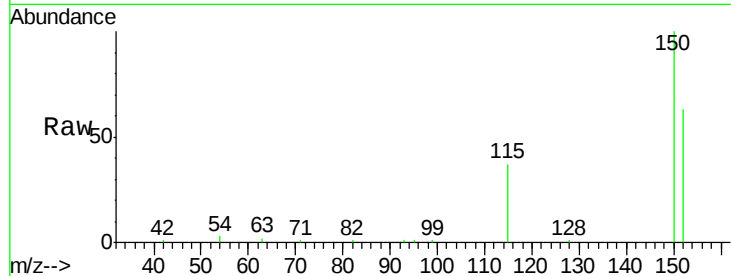
Tgt Ion:152 Resp: 10824

Ion Ratio Lower Upper

152 100

150 159.3 106.0 159.0#

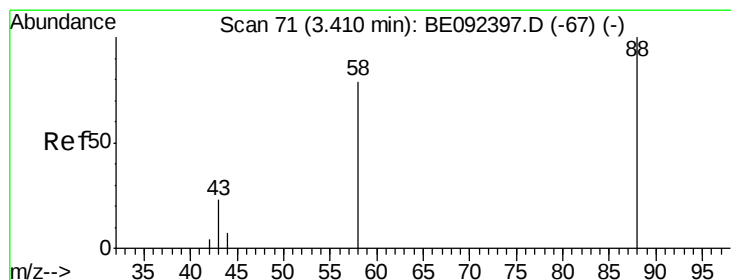
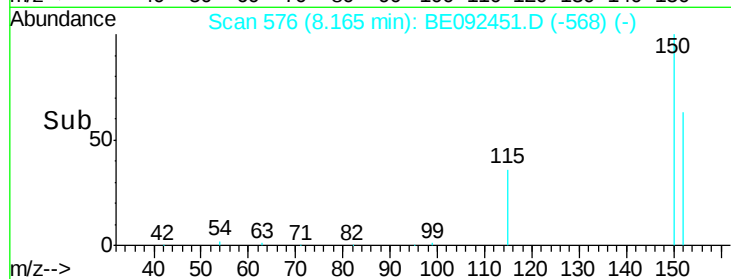
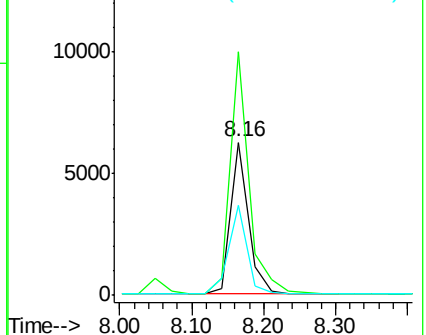
115 58.6 31.2 46.8#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 3.13 ng

RT: 3.41 min Scan# 71

Delta R.T. -0.01 min

Lab File: BE092451.D

Acq: 7 Oct 2016 17:46

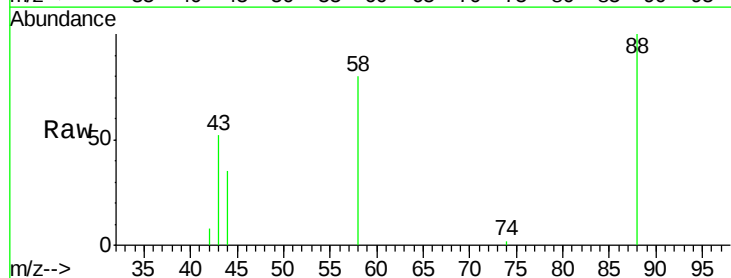
Tgt Ion: 88 Resp: 3671

Ion Ratio Lower Upper

88 100

58 92.6 63.6 95.4

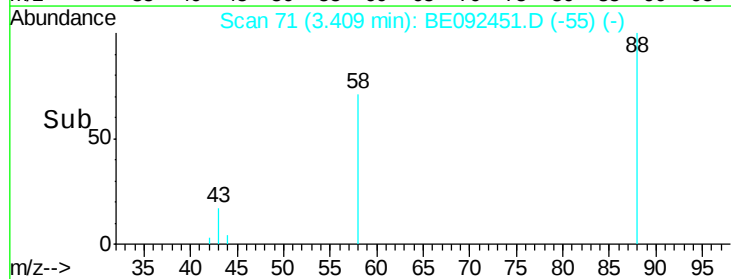
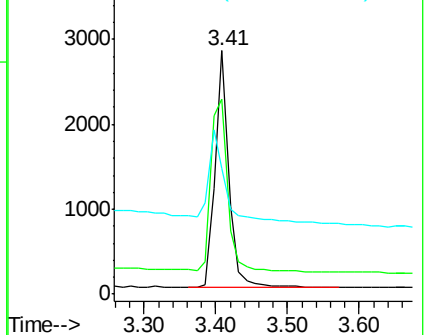
43 51.8 28.0 42.0#

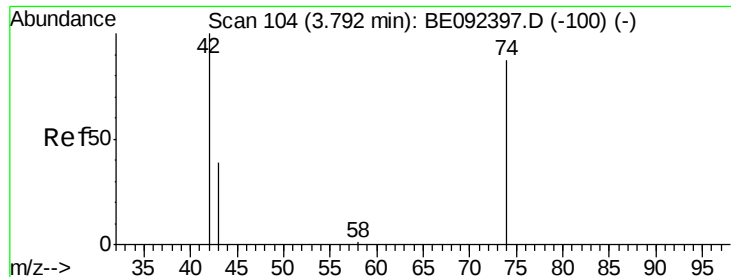


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



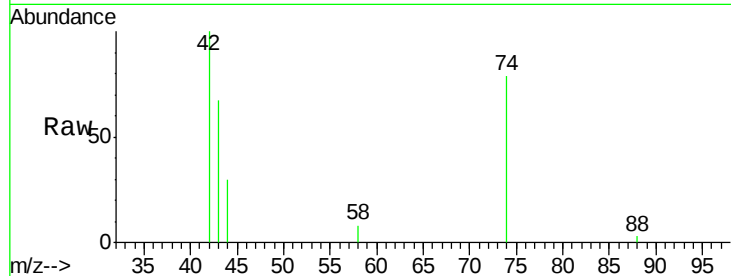


#3

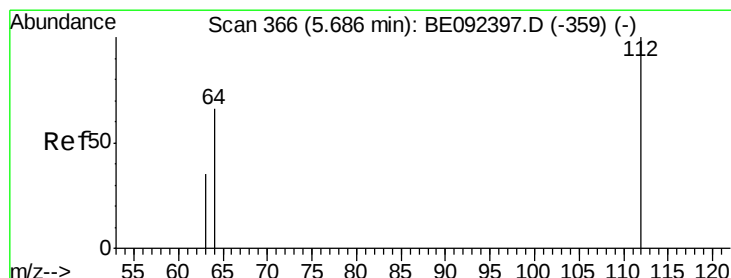
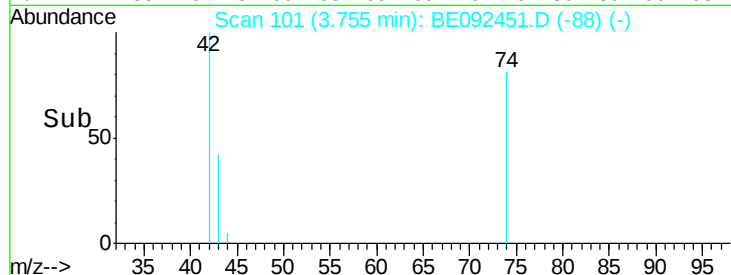
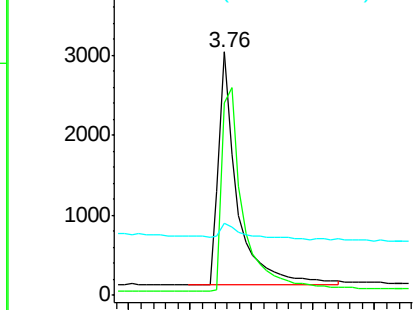
n-Nitrosodimethylamine
 Concen: 3.59 ng
 RT: 3.76 min Scan# 101
 Delta R.T. -0.05 min
 Lab File: BE092451.D
 Acq: 7 Oct 2016 17:46

Instrument :
 BNA_E
 ClientSampleId :
 PB93506BS

Tgt Ion: 42 Resp: 6078
 Ion Ratio Lower Upper
 42 100
 74 102.9 86.0 129.0
 44 9.8 5.1 7.7#



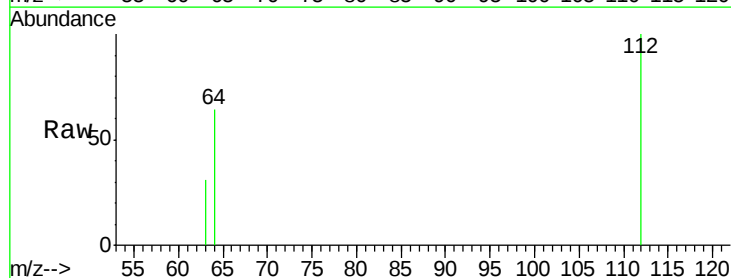
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



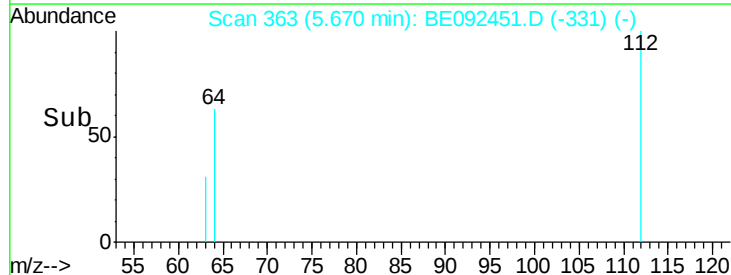
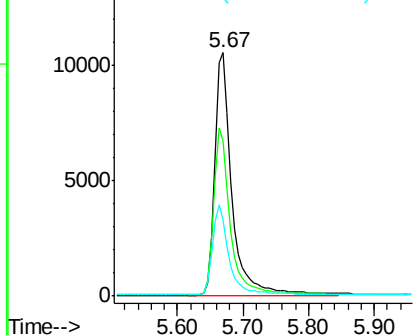
#4

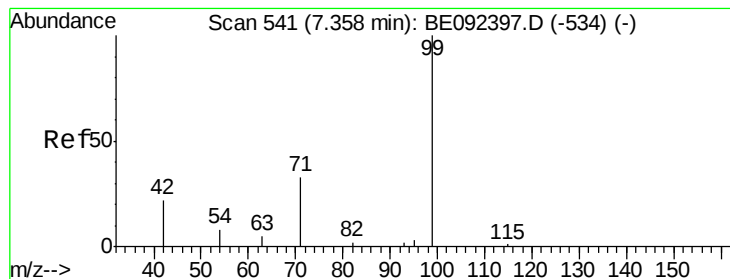
2-Fluorophenol
 Concen: 7.48 ng
 RT: 5.67 min Scan# 363
 Delta R.T. -0.02 min
 Lab File: BE092451.D
 Acq: 7 Oct 2016 17:46

Tgt Ion: 112 Resp: 19077
 Ion Ratio Lower Upper
 112 100
 64 67.6 53.5 80.3
 63 36.3 27.9 41.9



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BE0
 Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 6.75 ng

RT: 7.34 min Scan# 540

Delta R.T. -0.02 min

Lab File: BE092451.D

Acq: 7 Oct 2016 17:46

Instrument :

BNA_E

ClientSampleId :

PB93506BS

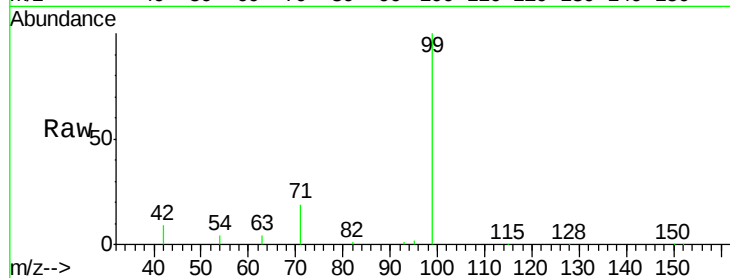
Tgt Ion: 99 Resp: 24568

Ion Ratio Lower Upper

99 100

42 0.0 16.0 24.0#

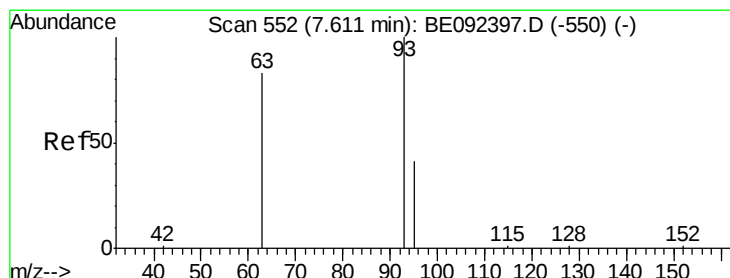
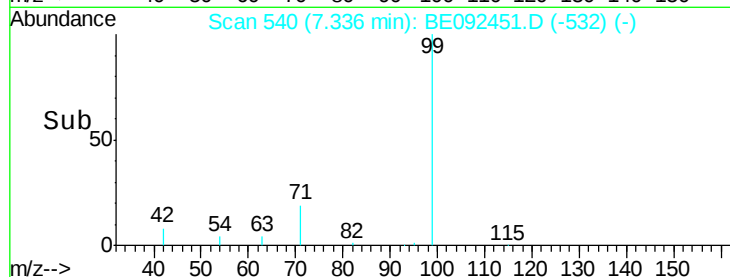
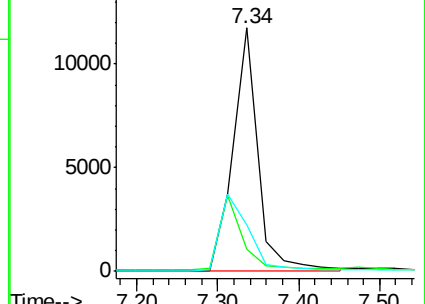
71 0.0 30.6 45.8#



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 3.45 ng

RT: 7.59 min Scan# 551

Delta R.T. -0.02 min

Lab File: BE092451.D

Acq: 7 Oct 2016 17:46

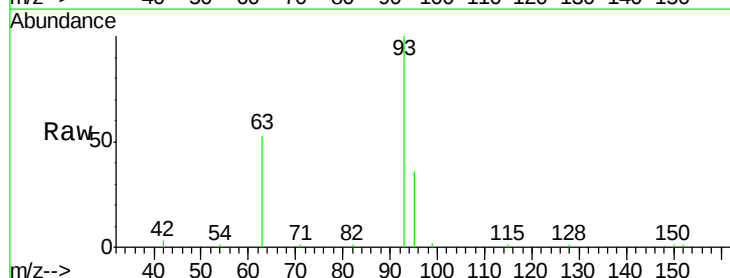
Tgt Ion: 93 Resp: 9809

Ion Ratio Lower Upper

93 100

63 0.0 71.6 107.4#

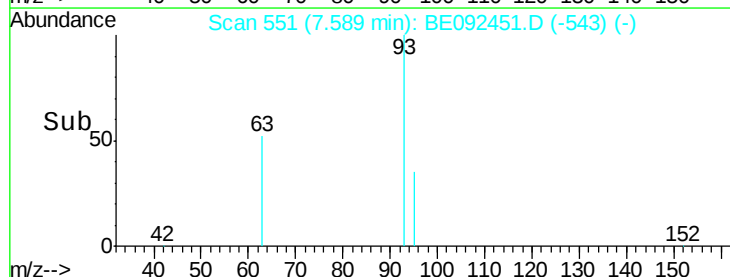
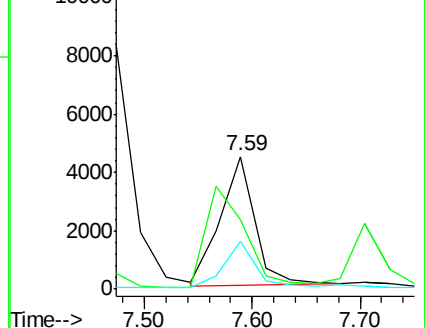
95 34.7 24.0 36.0

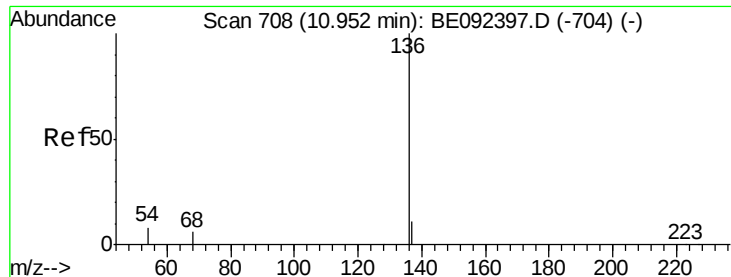


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.95 min Scan# 708

Delta R.T. -0.00 min

Lab File: BE092451.D

Acq: 7 Oct 2016 17:46

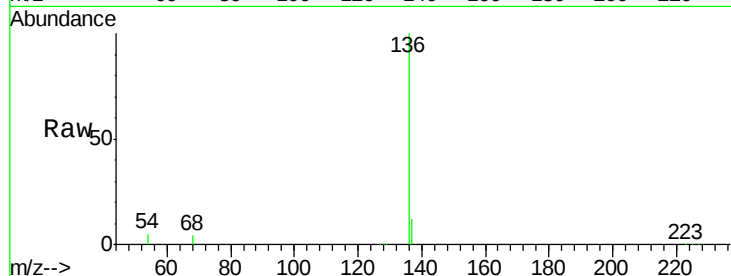
Instrument :

BNA_E

ClientSampleId :

PB93506BS

Tgt Ion:	136	Resp:	47245
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.2	12.4
54	5.1	9.6	14.4#
68	4.1	6.7	10.1#

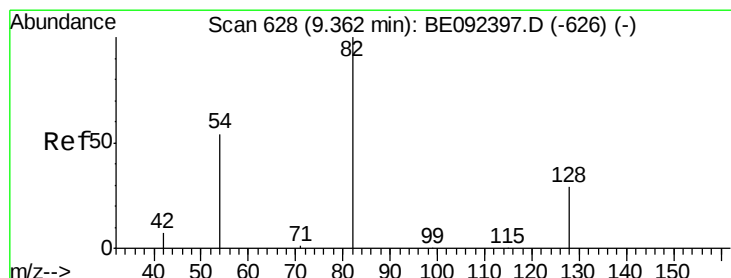
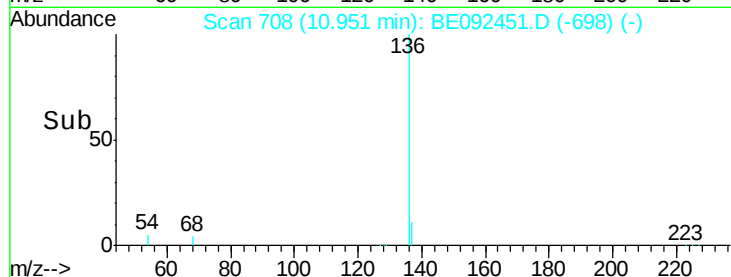
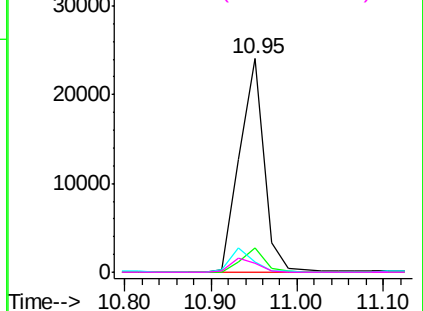


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 3.53 ng

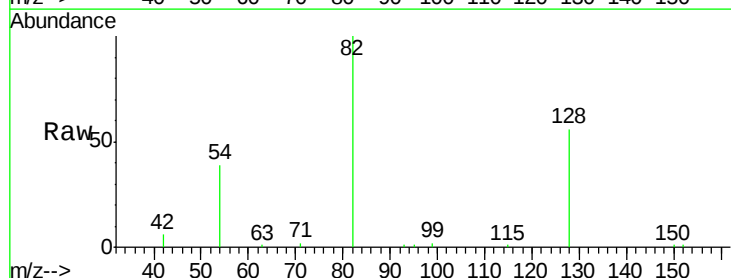
RT: 9.34 min Scan# 627

Delta R.T. -0.02 min

Lab File: BE092451.D

Acq: 7 Oct 2016 17:46

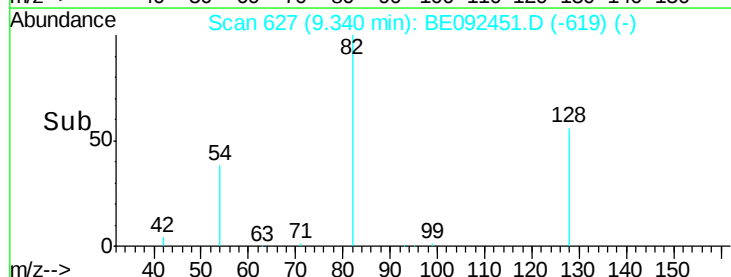
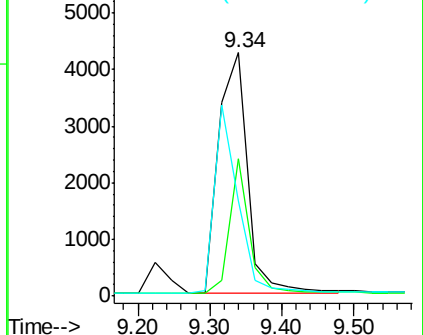
Tgt Ion:	82	Resp:	11859
Ion	Ratio	Lower	Upper
82	100		
128	56.4	39.0	58.4
54	39.0	44.8	67.2#



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 3.46 ng

RT: 10.99 min Scan# 710

Delta R.T. -0.02 min

Lab File: BE092451.D

Acq: 7 Oct 2016 17:46

Instrument :

BNA_E

ClientSampleId :

PB93506BS

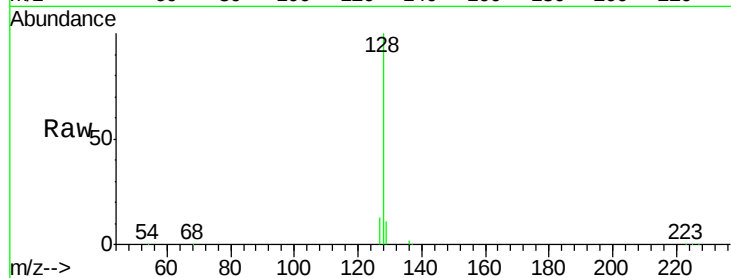
Tgt Ion:128 Resp: 35373

Ion Ratio Lower Upper

128 100

129 10.8 11.2 16.8#

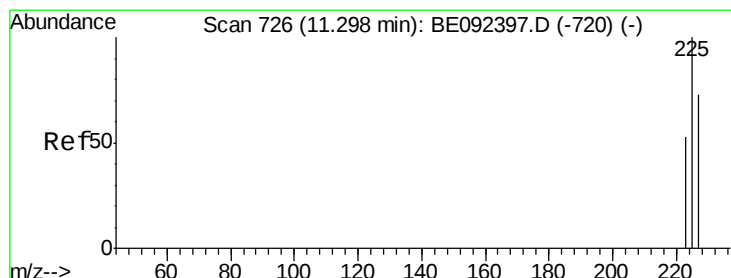
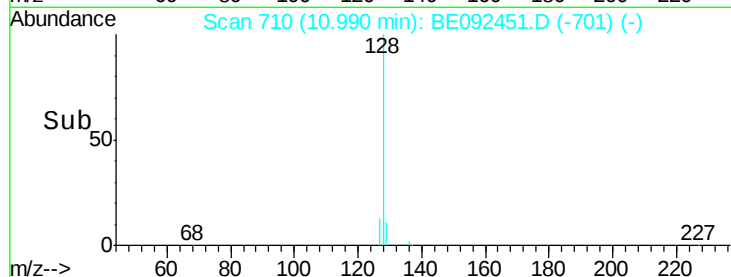
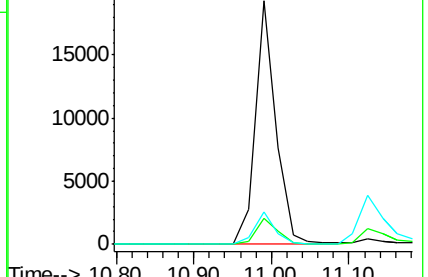
127 13.4 11.6 17.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 3.31 ng

RT: 11.28 min Scan# 725

Delta R.T. -0.02 min

Lab File: BE092451.D

Acq: 7 Oct 2016 17:46

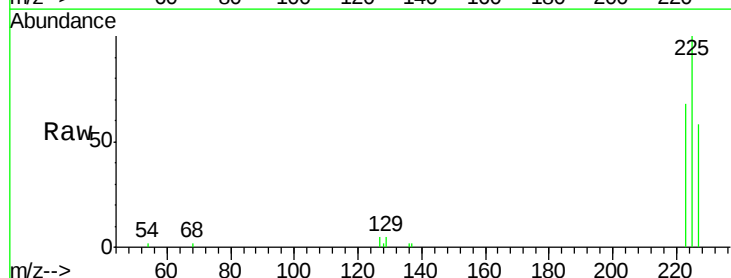
Tgt Ion:225 Resp: 5330

Ion Ratio Lower Upper

225 100

223 63.3 50.6 76.0

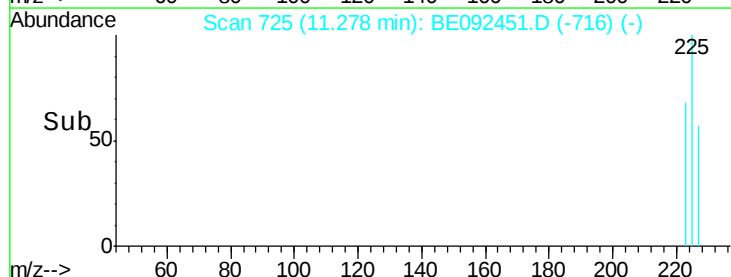
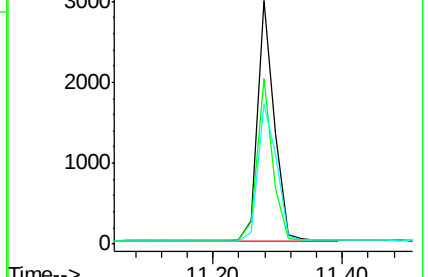
227 63.6 51.4 77.0



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene

Concen: 3.48 ng

RT: 12.62 min Scan# 814

Delta R.T. -0.02 min

Lab File: BE092451.D

Acq: 7 Oct 2016 17:46

Instrument :

BNA_E

ClientSampleId :

PB93506BS

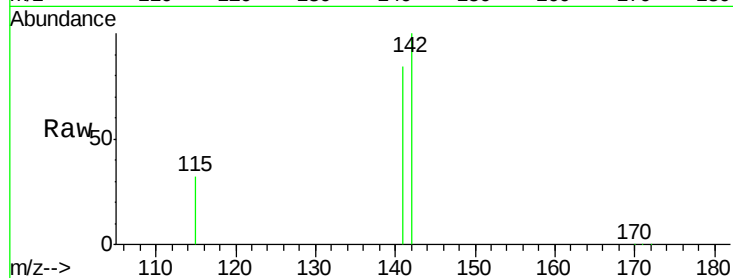
Tgt Ion:142 Resp: 23545

Ion Ratio Lower Upper

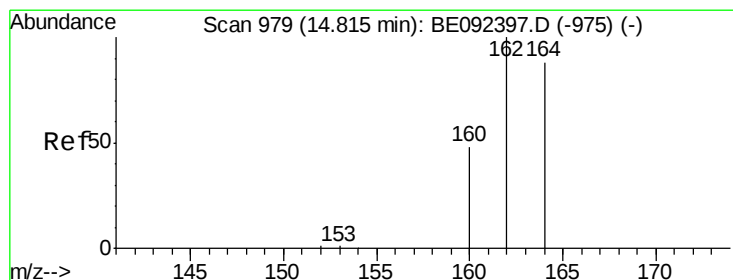
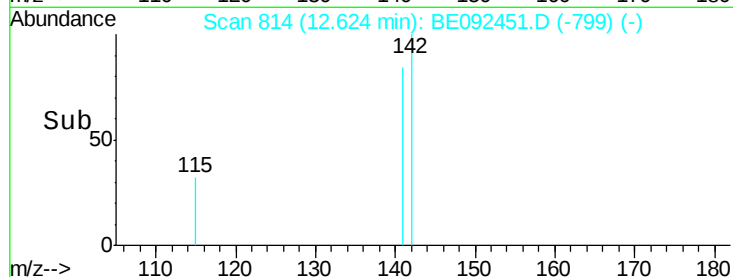
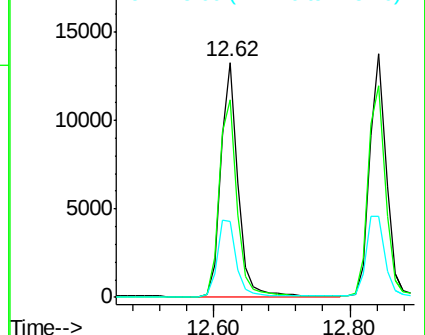
142 100

141 83.8 73.7 110.5

115 32.2 34.0 51.0#



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.82 min Scan# 980

Delta R.T. 0.00 min

Lab File: BE092451.D

Acq: 7 Oct 2016 17:46

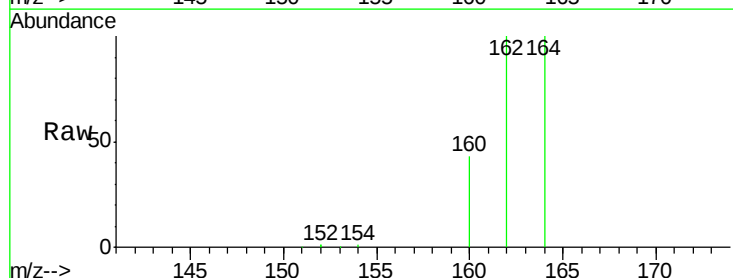
Tgt Ion:164 Resp: 30105

Ion Ratio Lower Upper

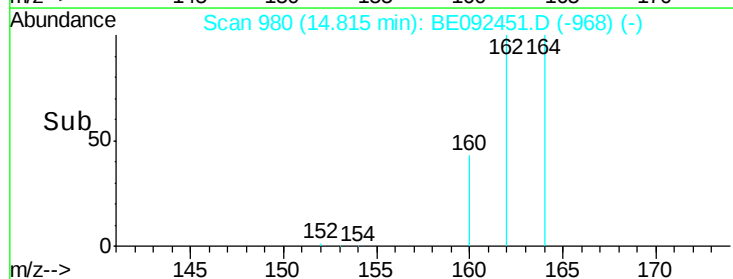
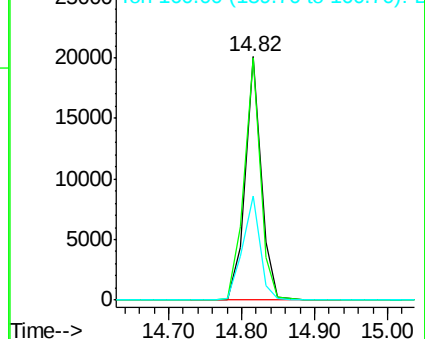
164 100

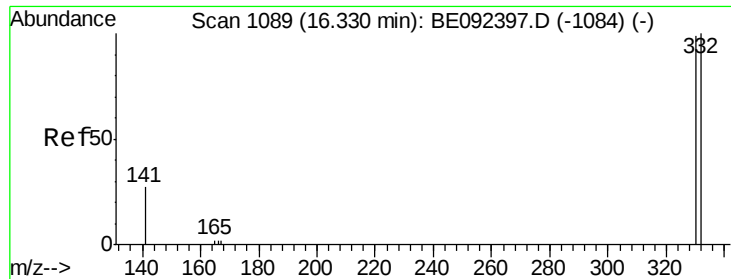
162 99.6 71.4 107.0

160 42.7 27.4 41.2#



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

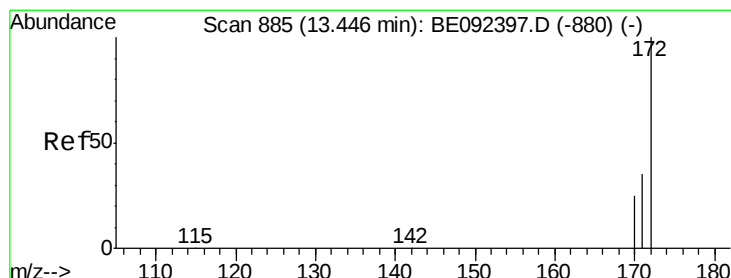
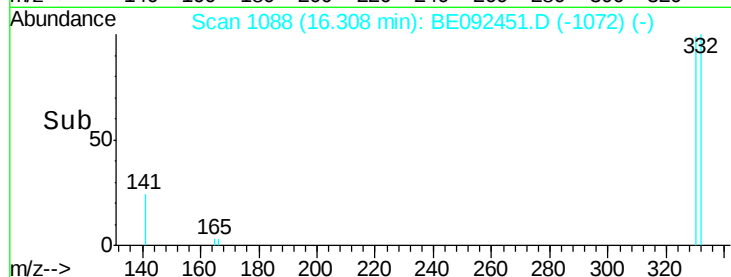
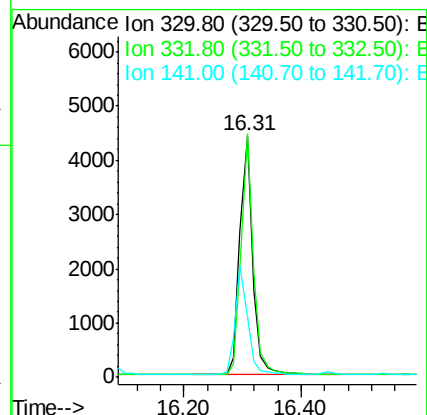
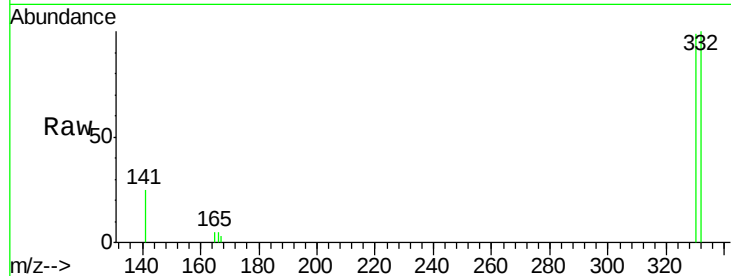




#13
 2,4,6-Tribromophenol
 Concen: 6.36 ng
 RT: 16.31 min Scan# 1088
 Delta R.T. -0.01 min
 Lab File: BE092451.D
 Acq: 7 Oct 2016 17:46

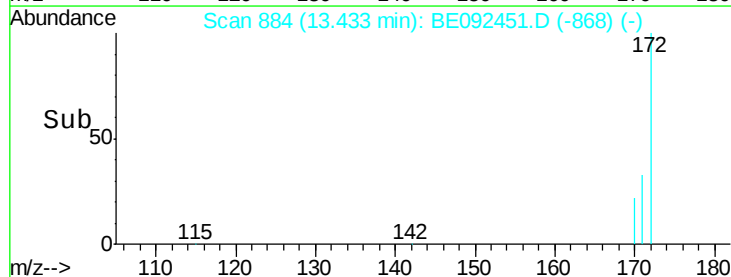
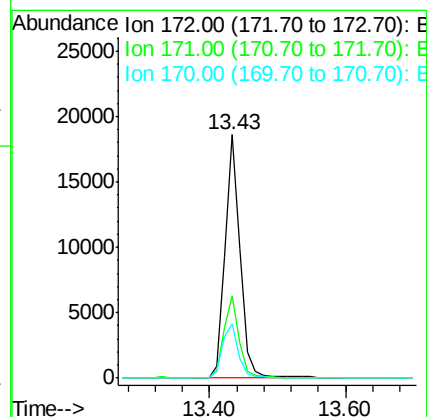
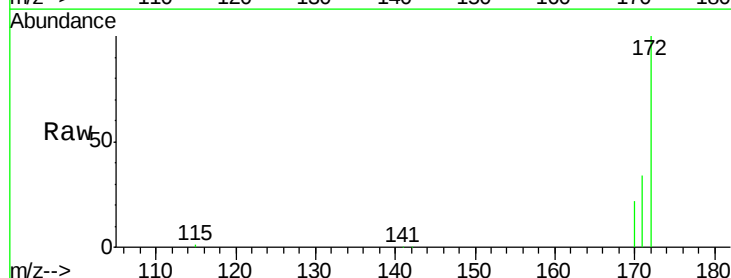
Instrument :
 BNA_E
 ClientSampleId :
 PB93506BS

Tgt Ion:330 Resp: 6751
 Ion Ratio Lower Upper
 330 100
 332 96.1 75.4 113.0
 141 43.7 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 4.06 ng
 RT: 13.43 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BE092451.D
 Acq: 7 Oct 2016 17:46

Tgt Ion:172 Resp: 28920
 Ion Ratio Lower Upper
 172 100
 171 33.8 30.1 45.1
 170 22.5 21.8 32.6

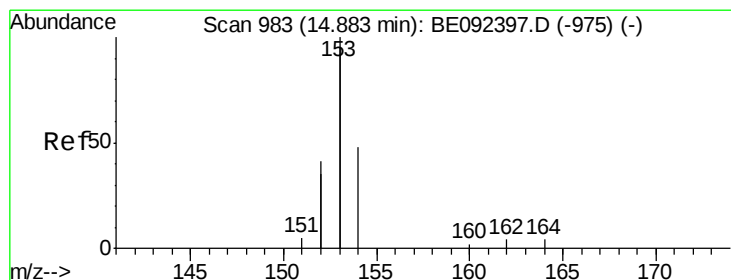
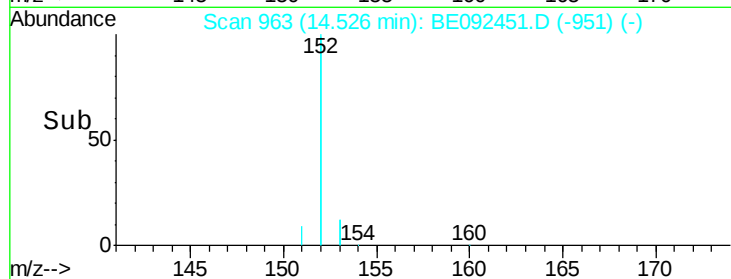
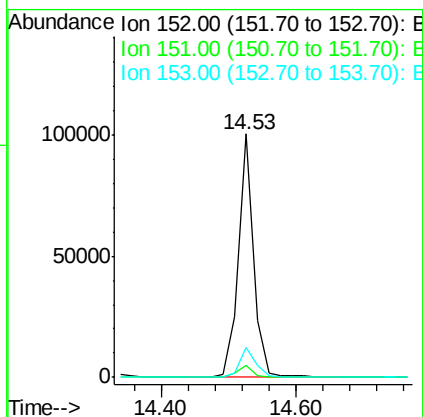
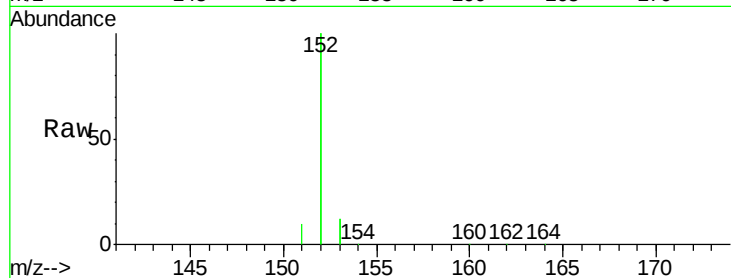




#15
Acenaphthylene
Concen: 3.58 ng
RT: 14.53 min Scan# 963
Delta R.T. 0.00 min
Lab File: BE092451.D
Acq: 7 Oct 2016 17:46

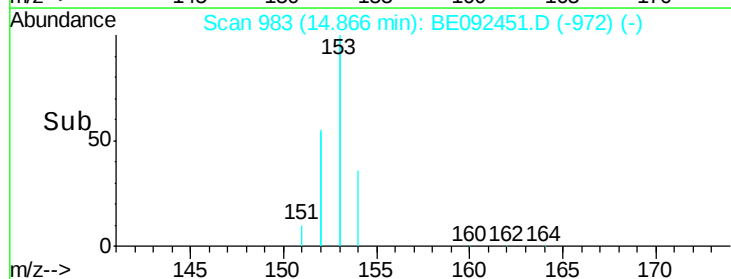
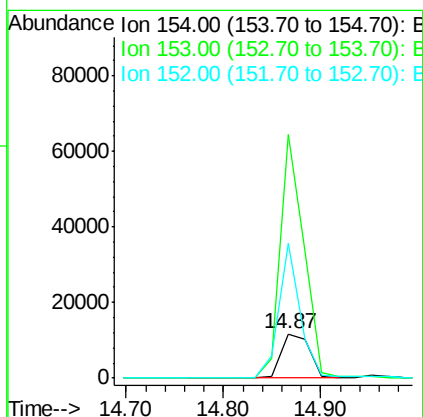
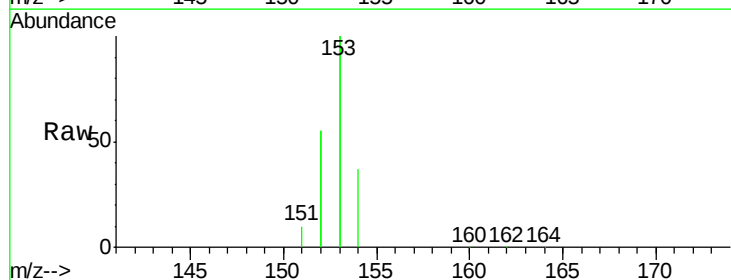
Instrument :
BNA_E
ClientSampleId :
PB93506BS

Tgt Ion:152 Resp: 156172
Ion Ratio Lower Upper
152 100
151 4.9 3.9 5.9
153 12.9 10.4 15.6



#16
Acenaphthene
Concen: 3.46 ng
RT: 14.87 min Scan# 983
Delta R.T. -0.02 min
Lab File: BE092451.D
Acq: 7 Oct 2016 17:46

Tgt Ion:154 Resp: 23593
Ion Ratio Lower Upper
154 100
153 453.9 350.8 526.2
152 225.6 171.1 256.7

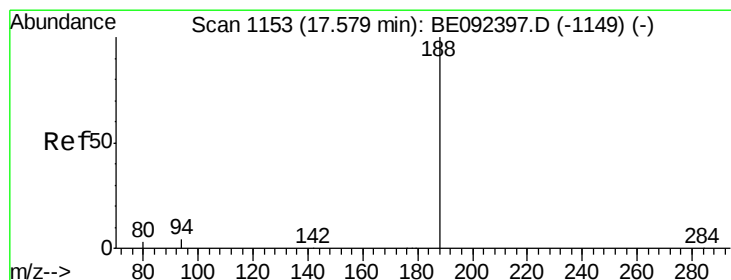
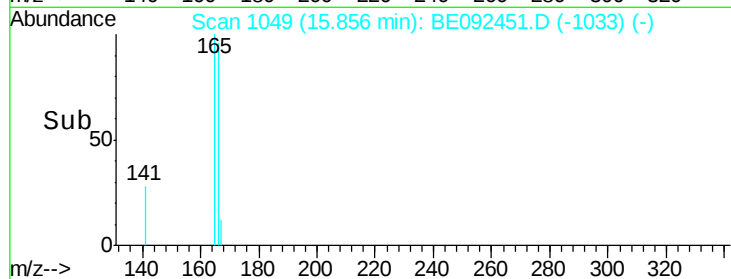
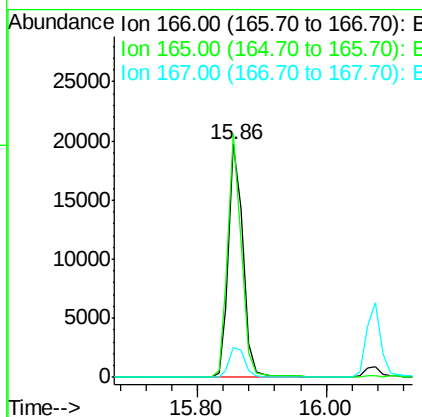
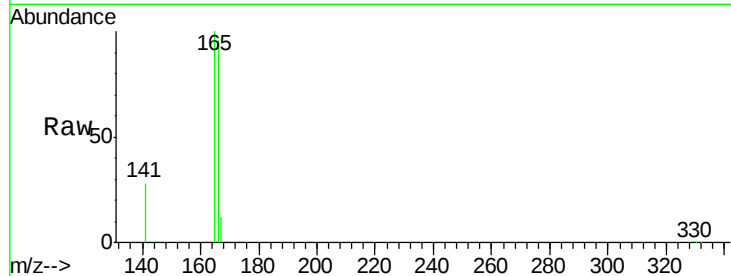




#17
Fluorene
 Concen: 3.52 ng
 RT: 15.86 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: BE092451.D
 Acq: 7 Oct 2016 17:46

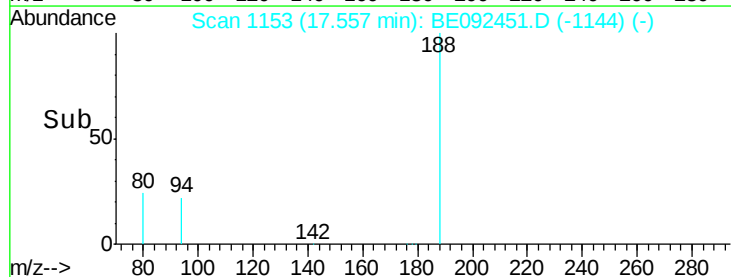
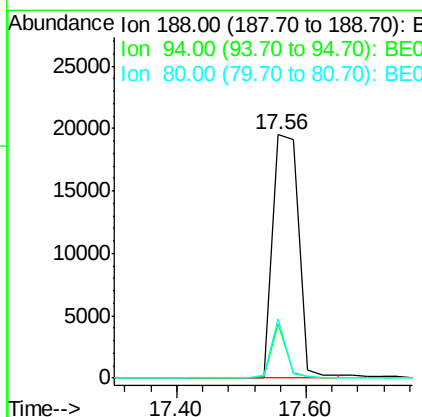
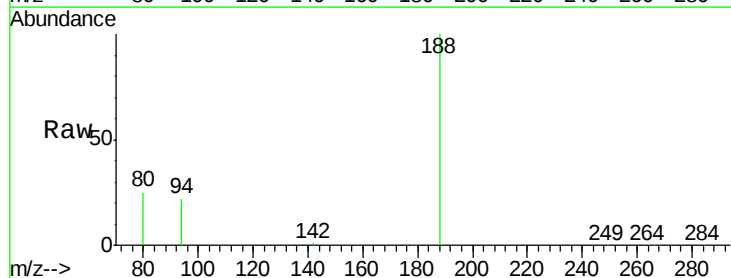
Instrument :
 BNA_E
 ClientSampleId :
 PB93506BS

Tgt Ion:166 Resp: 30482
 Ion Ratio Lower Upper
 166 100
 165 99.0 78.2 117.4
 167 13.5 11.0 16.4



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.56 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: BE092451.D
 Acq: 7 Oct 2016 17:46

Tgt Ion:188 Resp: 54655
 Ion Ratio Lower Upper
 188 100
 94 22.2 3.2 4.8#
 80 24.5 2.6 3.8#

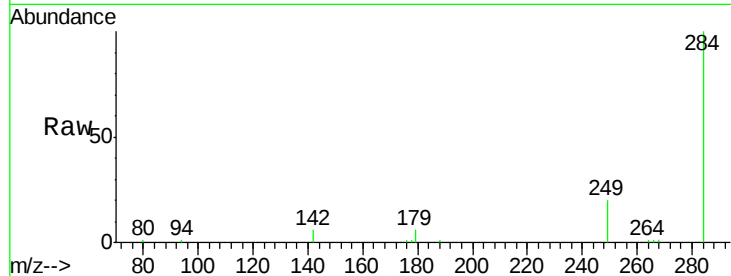




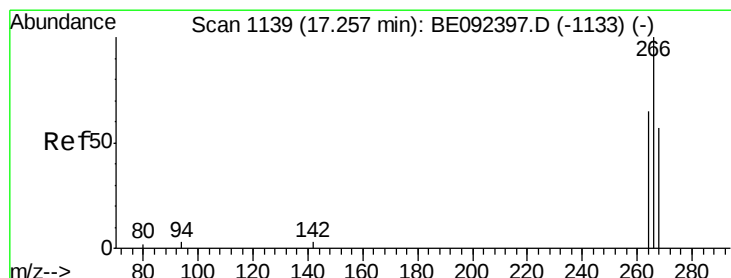
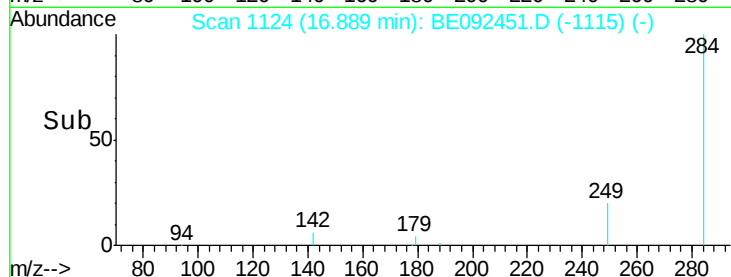
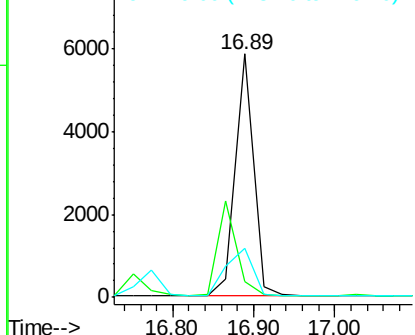
#19
Hexachlorobenzene
Concen: 3.85 ng
RT: 16.89 min Scan# 1124
Delta R.T. 0.00 min
Lab File: BE092451.D
Acq: 7 Oct 2016 17:46

Instrument :
BNA_E
ClientSampleId :
PB93506BS

Tgt Ion: 284 Resp: 8999
Ion Ratio Lower Upper
284 100
142 0.0 29.1 43.7#
249 28.6 27.9 41.9

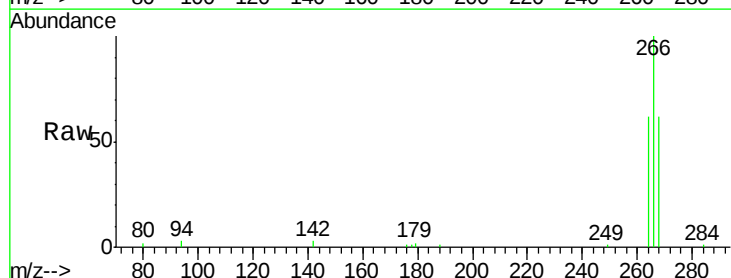


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

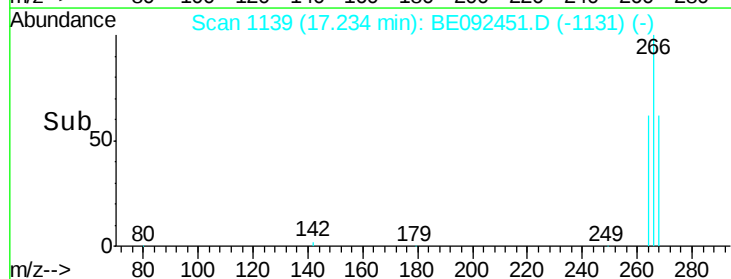
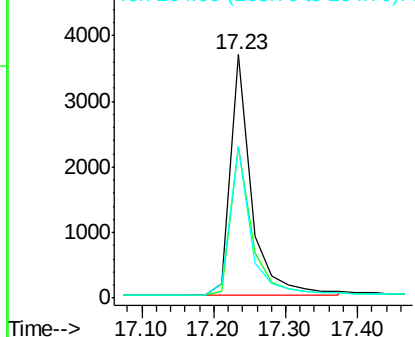


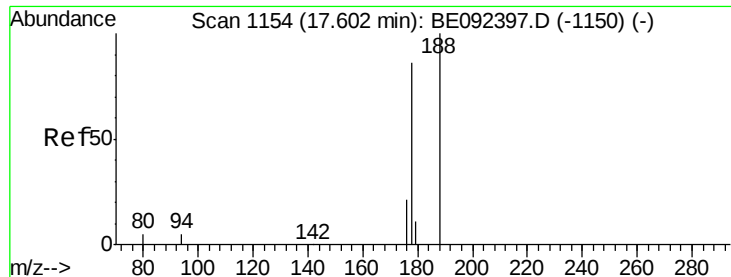
#20
Pentachlorophenol
Concen: 8.71 ng
RT: 17.23 min Scan# 1139
Delta R.T. -0.02 min
Lab File: BE092451.D
Acq: 7 Oct 2016 17:46

Tgt Ion: 266 Resp: 7471
Ion Ratio Lower Upper
266 100
268 62.2 62.5 93.7#
264 62.1 57.2 85.8



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#21

Phenanthrene

Concen: 4.29 ng

RT: 17.60 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BE092451.D

Acq: 7 Oct 2016 17:46

Instrument :

BNA_E

ClientSampleId :

PB93506BS

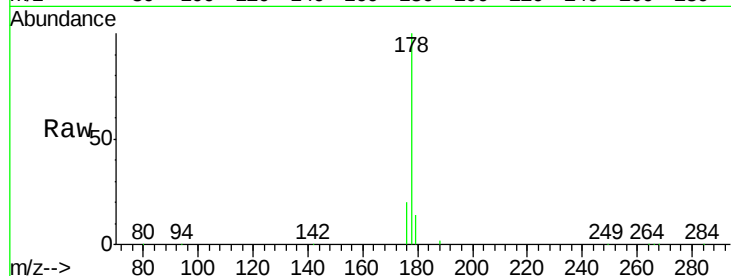
Tgt Ion:178 Resp: 53826

Ion Ratio Lower Upper

178 100

176 19.5 15.8 23.8

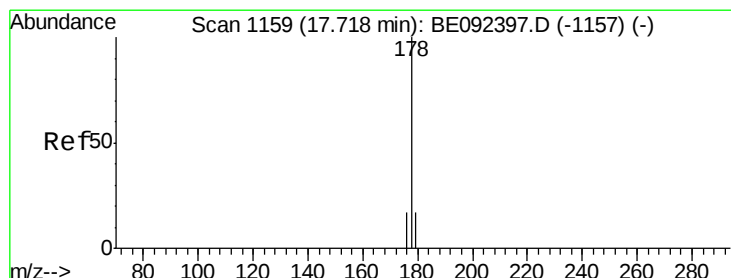
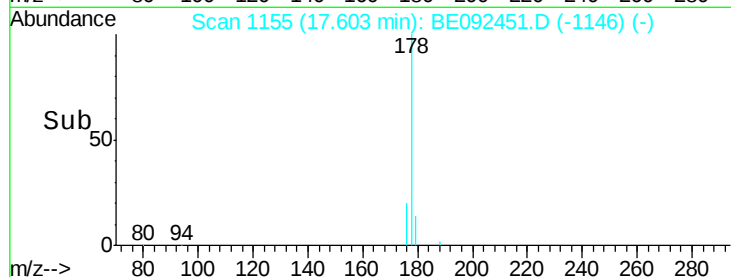
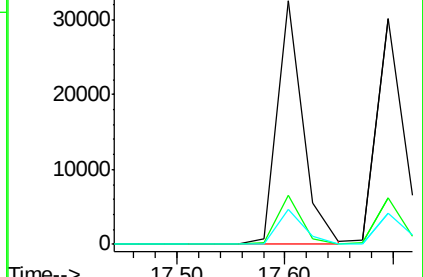
179 15.2 16.0 24.0#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#22

Anthracene

Concen: 4.34 ng

RT: 17.70 min Scan# 1159

Delta R.T. 0.00 min

Lab File: BE092451.D

Acq: 7 Oct 2016 17:46

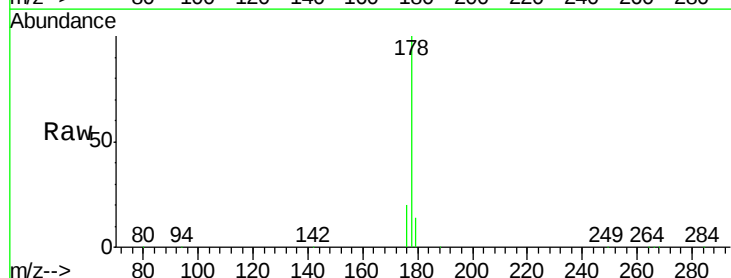
Tgt Ion:178 Resp: 52390

Ion Ratio Lower Upper

178 100

176 19.5 15.0 22.4

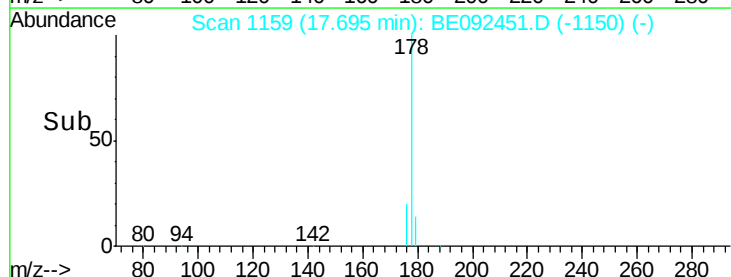
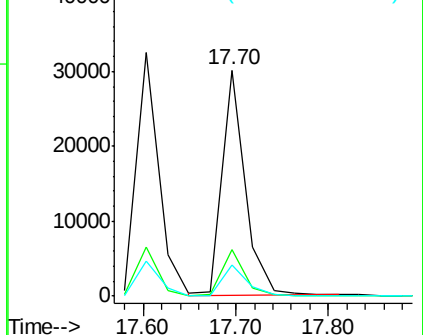
179 14.8 12.2 18.2

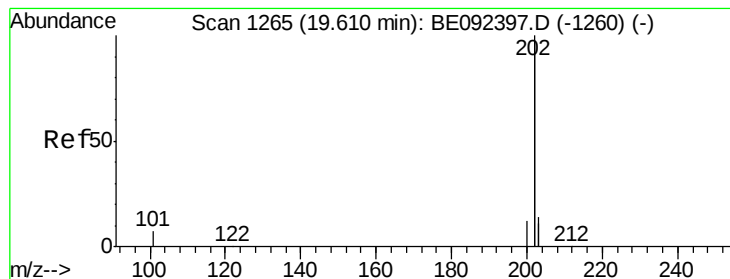


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Fluoranthene

Concen: 3.92 ng

RT: 19.61 min Scan# 1266

Delta R.T. 0.00 min

Lab File: BE092451.D

Acq: 7 Oct 2016 17:46

Instrument :

BNA_E

ClientSampleId :

PB93506BS

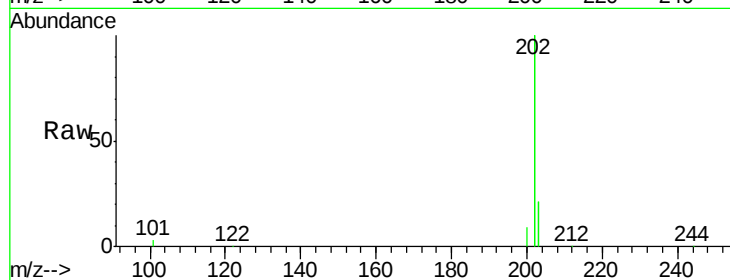
Tgt Ion: 202 Resp: 234030

Ion Ratio Lower Upper

202 100

101 3.0 2.2 3.4

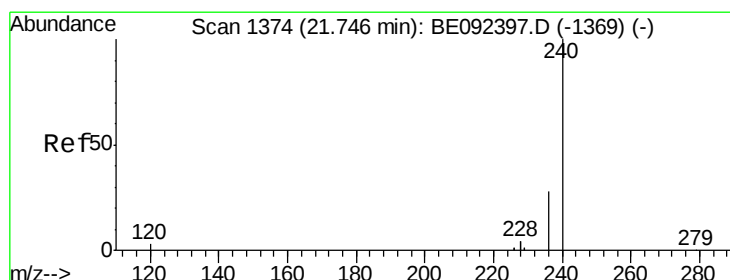
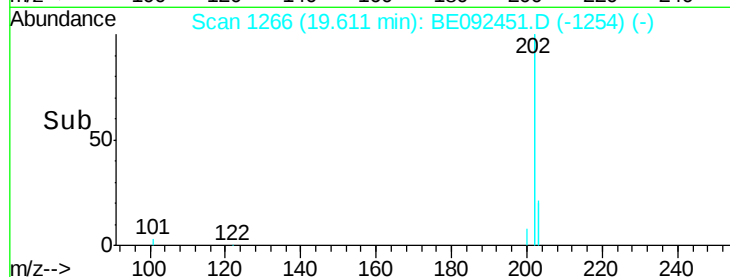
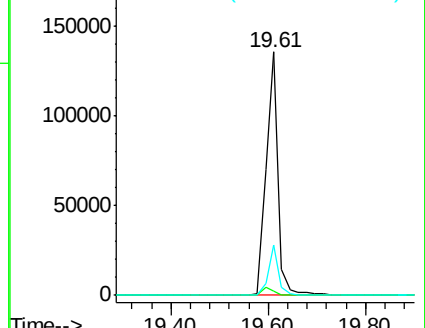
203 17.7 13.7 20.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#24

Chrysene-d12

Concen: 5.00 ng

RT: 21.75 min Scan# 1375

Delta R.T. 0.00 min

Lab File: BE092451.D

Acq: 7 Oct 2016 17:46

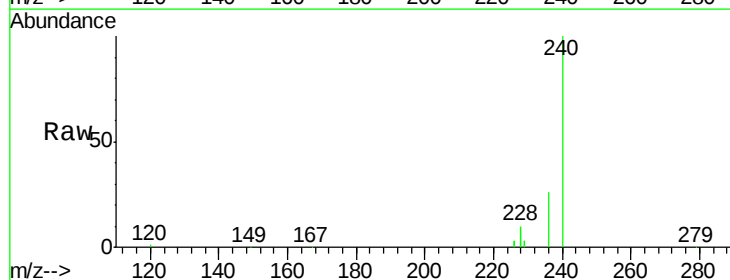
Tgt Ion: 240 Resp: 84932

Ion Ratio Lower Upper

240 100

120 1.2 2.6 4.0#

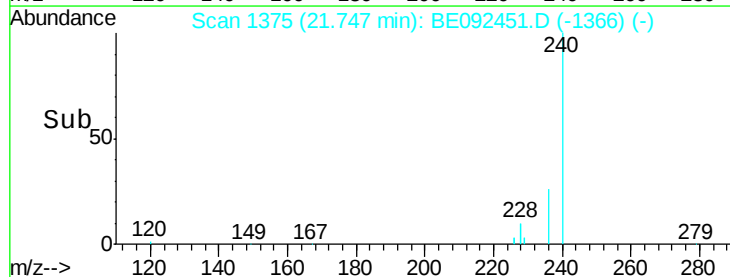
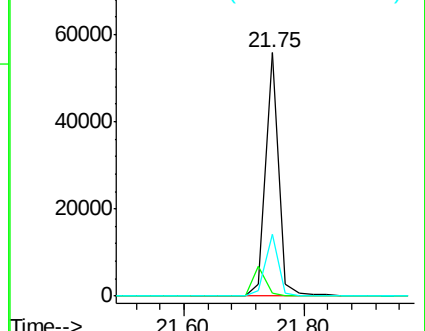
236 25.6 24.6 37.0

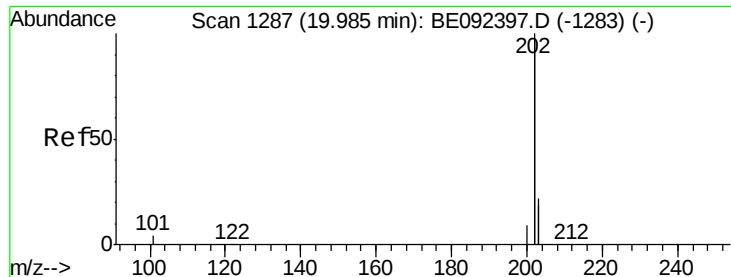


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

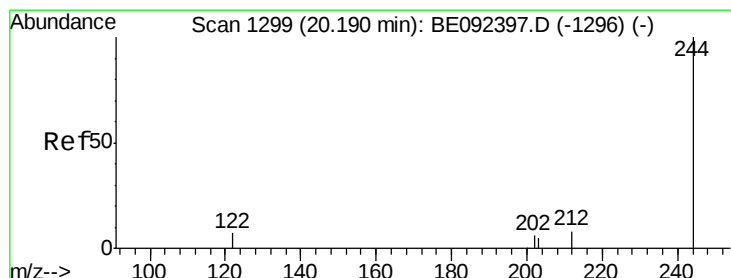
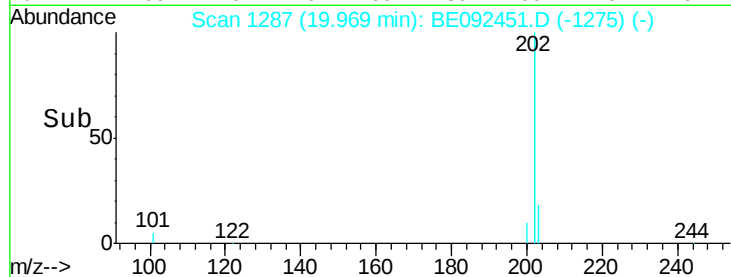
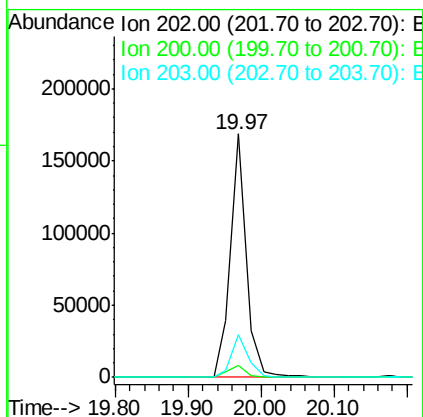
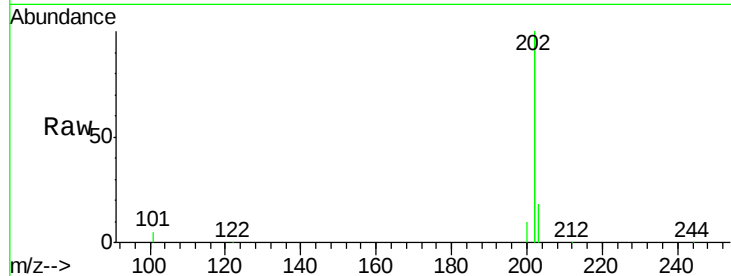




#25
 Pyrene
 Concen: 3.44 ng
 RT: 19.97 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: BE092451.D
 Acq: 7 Oct 2016 17:46

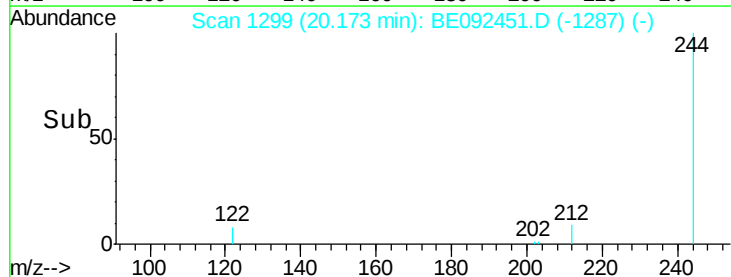
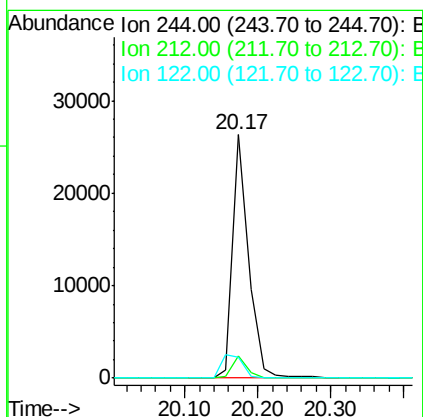
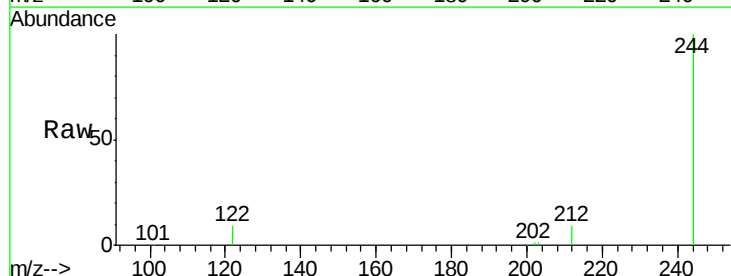
Instrument :
 BNA_E
 ClientSampleId :
 PB93506BS

Tgt Ion: 202 Resp: 252950
 Ion Ratio Lower Upper
 202 100
 200 5.3 4.2 6.4
 203 18.2 13.9 20.9



#26
 Terphenyl-d14
 Concen: 3.73 ng
 RT: 20.17 min Scan# 1299
 Delta R.T. 0.00 min
 Lab File: BE092451.D
 Acq: 7 Oct 2016 17:46

Tgt Ion: 244 Resp: 39339
 Ion Ratio Lower Upper
 244 100
 212 9.1 6.7 10.1
 122 8.7 3.6 5.4#

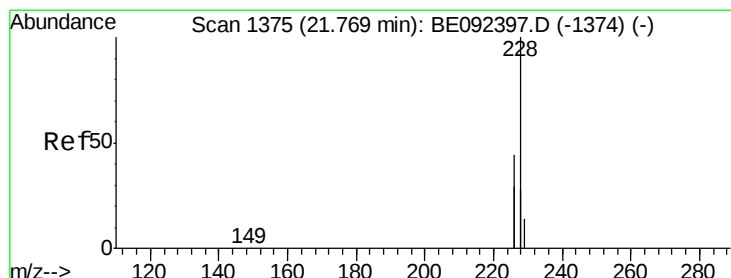
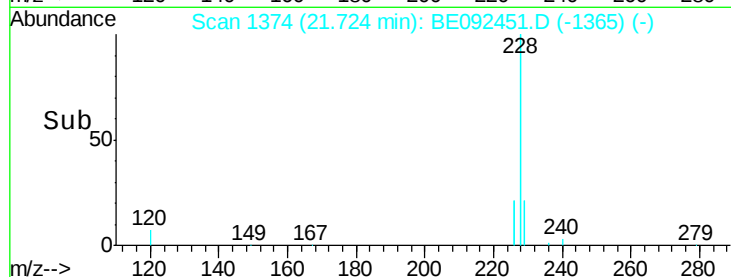
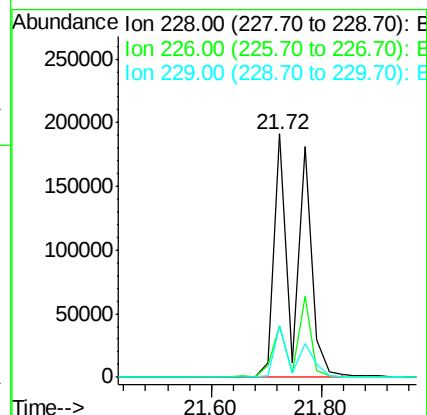
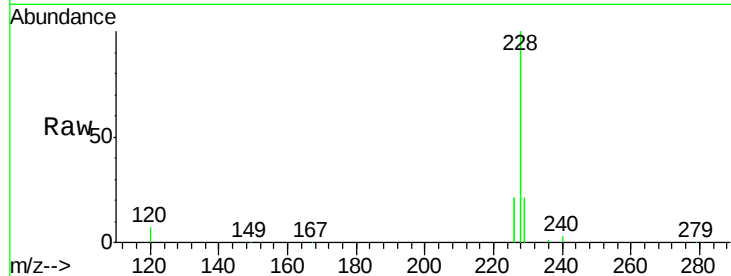




#27
Benzo(a)anthracene
Concen: 7.07 ng
RT: 21.72 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BE092451.D
Acq: 7 Oct 2016 17:46

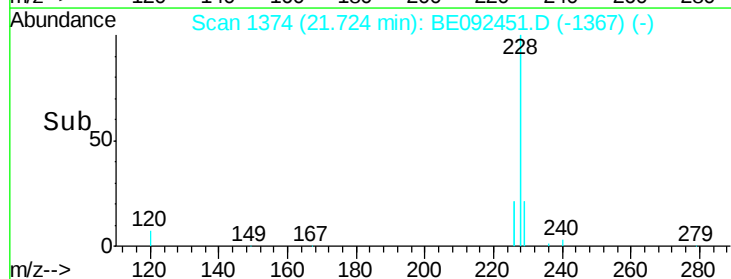
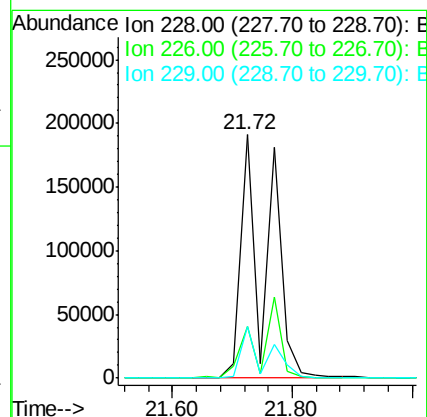
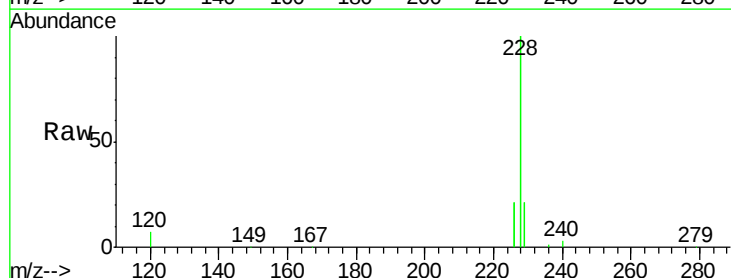
Instrument :
BNA_E
ClientSampleId :
PB93506BS

Tgt Ion:228 Resp: 584932
Ion Ratio Lower Upper
228 100
226 21.1 23.6 35.4#
229 21.4 13.3 19.9#



#28
Chrysene
Concen: 7.76 ng
RT: 21.72 min Scan# 1374
Delta R.T. -0.04 min
Lab File: BE092451.D
Acq: 7 Oct 2016 17:46

Tgt Ion:228 Resp: 588117
Ion Ratio Lower Upper
228 100
226 21.1 36.3 54.5#
229 21.4 10.6 16.0#

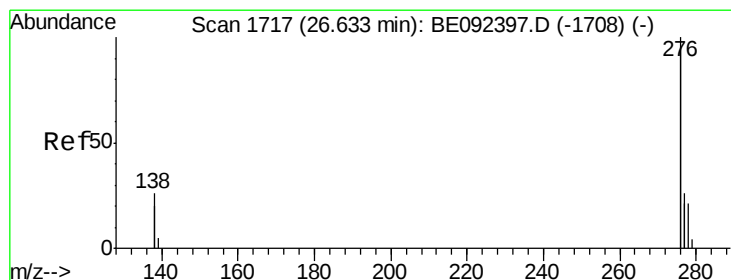
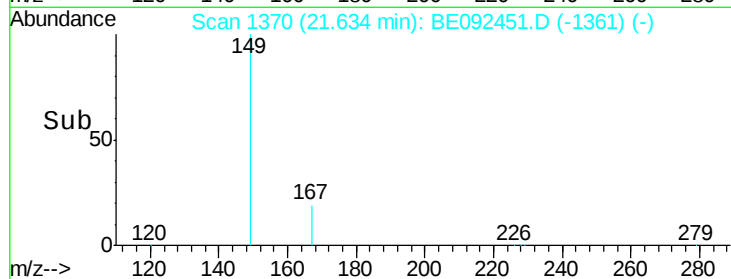
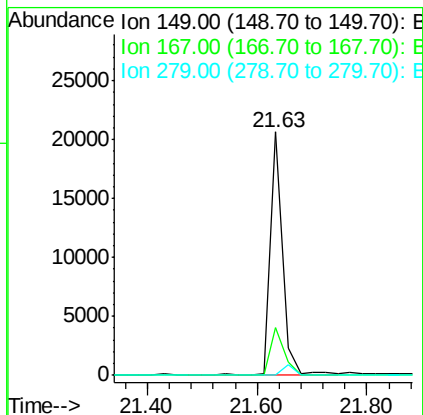
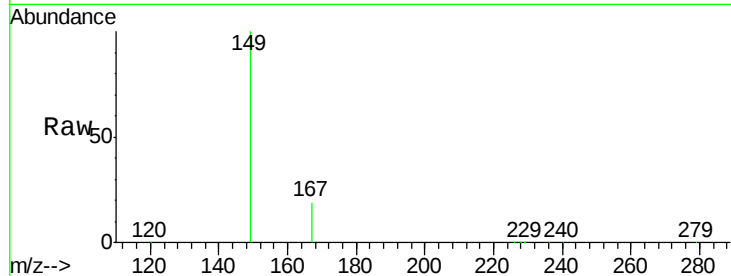




#29
 Bis(2-ethylhexyl)phthalate
 Concen: 4.44 ng
 RT: 21.63 min Scan# 1370
 Delta R.T. 0.00 min
 Lab File: BE092451.D
 Acq: 7 Oct 2016 17:46

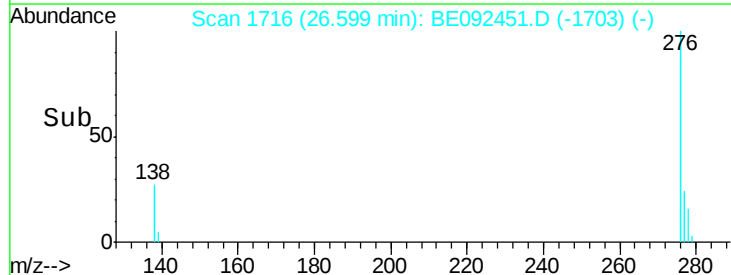
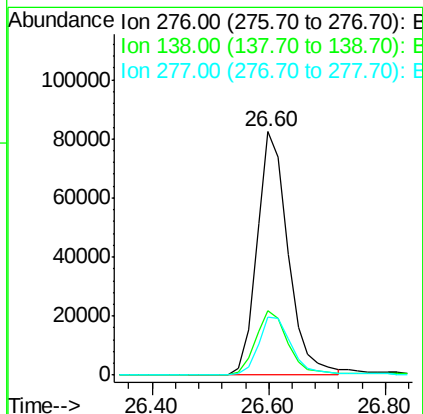
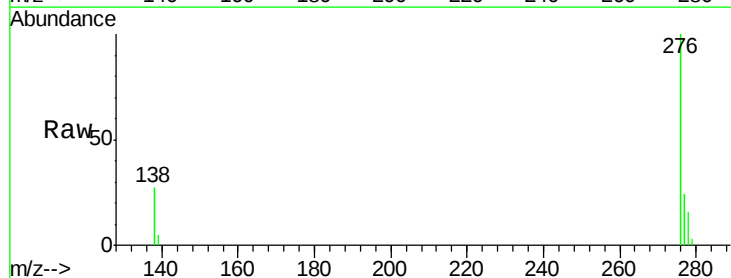
Instrument :
 BNA_E
 ClientSampleId :
 PB93506BS

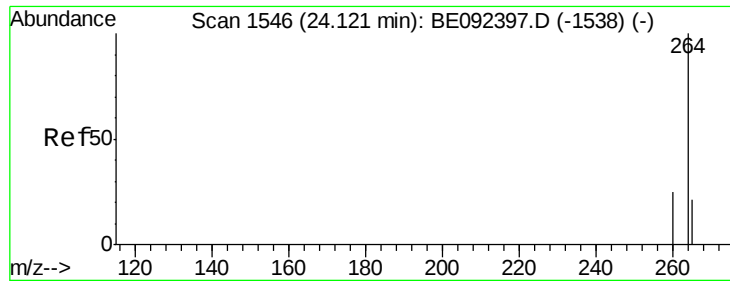
Tgt Ion:149 Resp: 31607
 Ion Ratio Lower Upper
 149 100
 167 21.9 16.0 24.0
 279 0.0 16.0 24.0#



#30
 Indeno(1,2,3-cd)pyrene
 Concen: 3.77 ng
 RT: 26.60 min Scan# 1716
 Delta R.T. 0.02 min
 Lab File: BE092451.D
 Acq: 7 Oct 2016 17:46

Tgt Ion:276 Resp: 303285
 Ion Ratio Lower Upper
 276 100
 138 27.2 20.3 30.5
 277 24.8 19.7 29.5

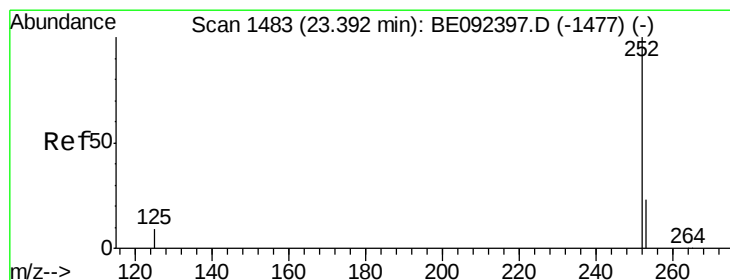
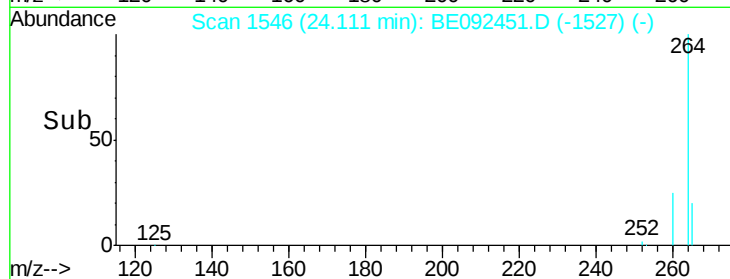
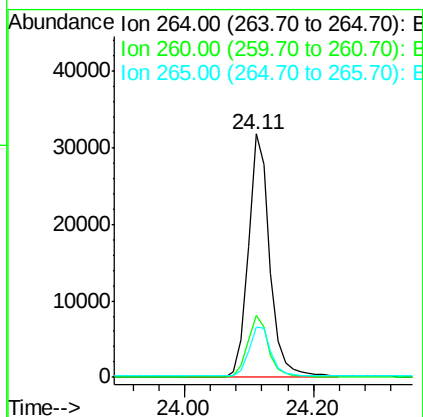
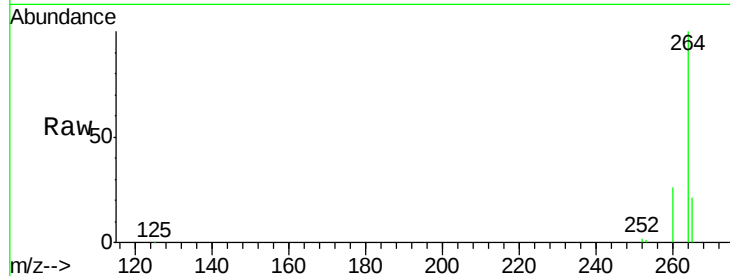




#31
 Perylene-d12
 Concen: 5.00 ng
 RT: 24.11 min Scan# 1546
 Delta R.T. 0.02 min
 Lab File: BE092451.D
 Acq: 7 Oct 2016 17:46

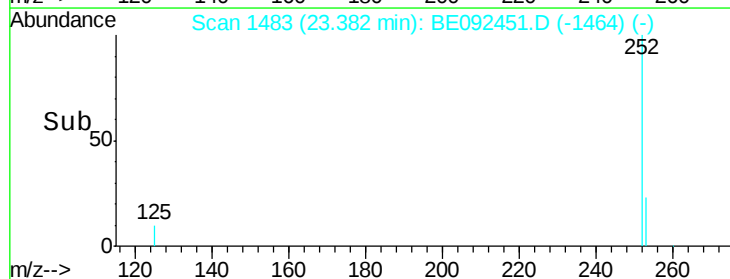
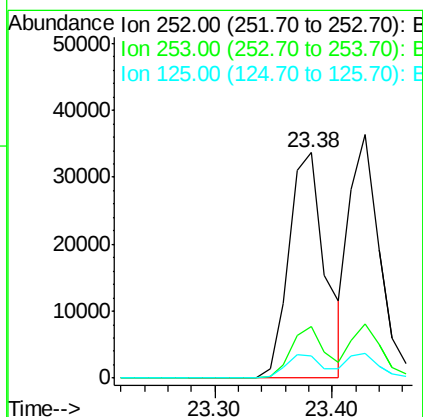
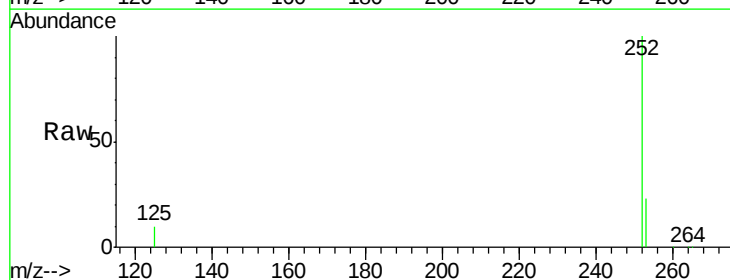
Instrument :
 BNA_E
 ClientSampleId :
 PB93506BS

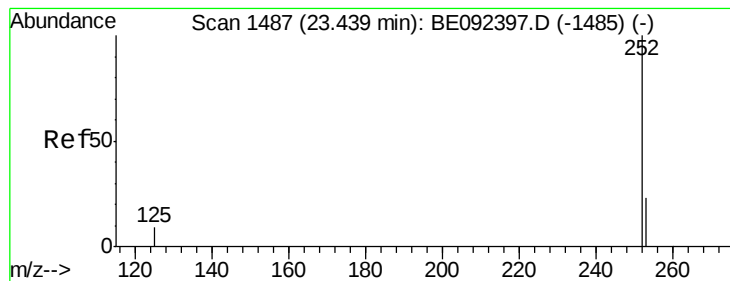
Tgt Ion: 264 Resp: 73307
 Ion Ratio Lower Upper
 264 100
 260 25.6 20.1 30.1
 265 20.8 17.9 26.9



#32
 Benzo(b)fluoranthene
 Concen: 4.06 ng
 RT: 23.38 min Scan# 1483
 Delta R.T. 0.02 min
 Lab File: BE092451.D
 Acq: 7 Oct 2016 17:46

Tgt Ion: 252 Resp: 72076
 Ion Ratio Lower Upper
 252 100
 253 23.1 18.7 28.1
 125 9.7 10.5 15.7#





#33

Benzo(k)fluoranthene

Concen: 3.53 ng

RT: 23.43 min Scan# 1487

Delta R.T. 0.02 min

Lab File: BE092451.D

Acq: 7 Oct 2016 17:46

Instrument :

BNA_E

ClientSampleId :

PB93506BS

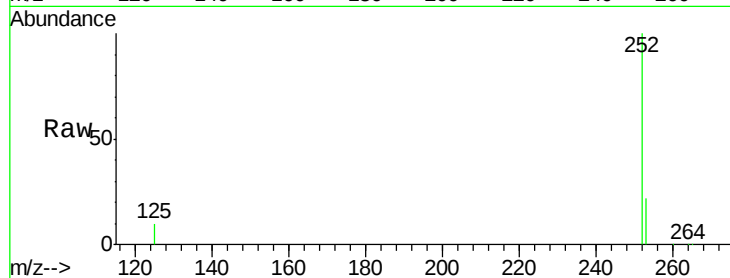
Tgt Ion:252 Resp: 65586

Ion Ratio Lower Upper

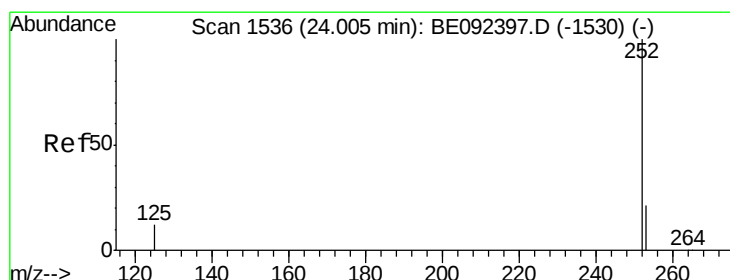
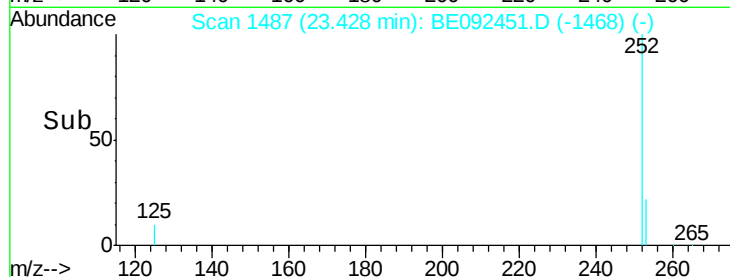
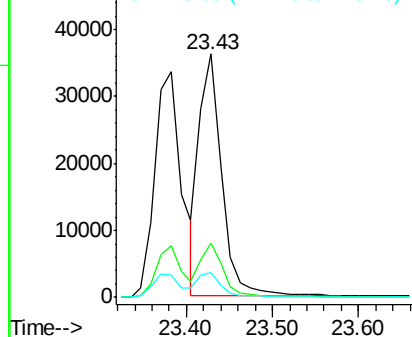
252 100

253 22.1 20.3 30.5

125 10.1 9.6 14.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#34

Benzo(a)pyrene

Concen: 3.83 ng

RT: 24.01 min Scan# 1537

Delta R.T. 0.02 min

Lab File: BE092451.D

Acq: 7 Oct 2016 17:46

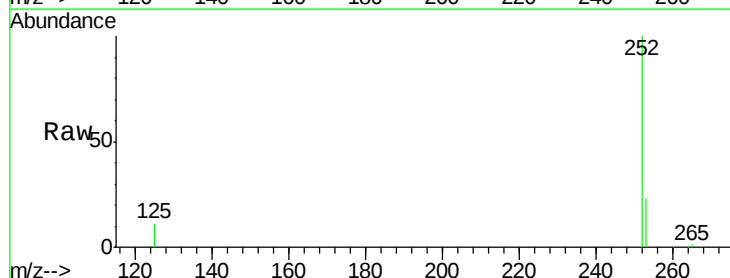
Tgt Ion:252 Resp: 66679

Ion Ratio Lower Upper

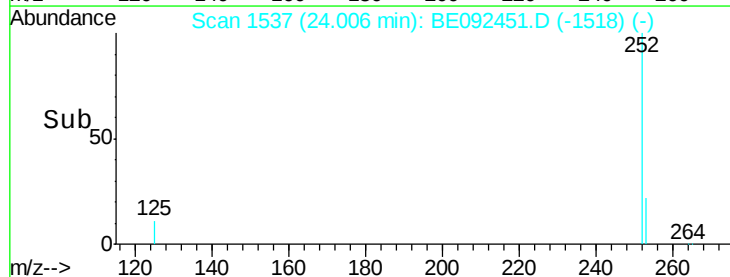
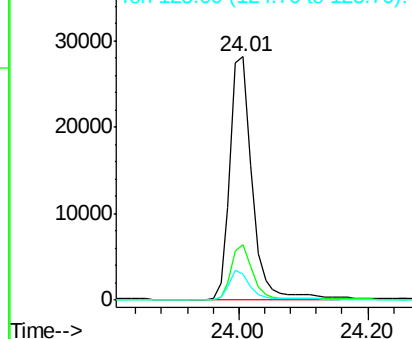
252 100

253 22.6 19.0 28.6

125 10.9 11.8 17.8#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#35

Dibenzo(a,h)anthracene

Concen: 3.95 ng

RT: 26.63 min Scan# 1718

Delta R.T. 0.04 min

Lab File: BE092451.D

Acq: 7 Oct 2016 17:46

Instrument :

BNA_E

ClientSampleId :

PB93506BS

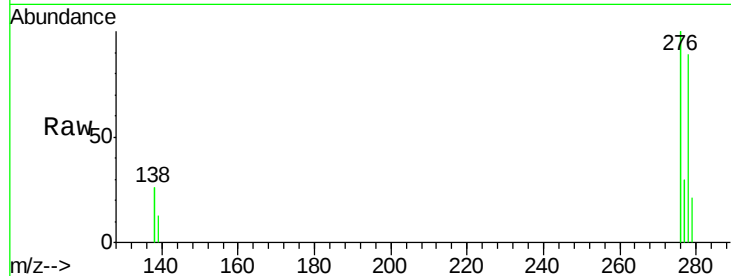
Tgt Ion:278 Resp: 63006

Ion Ratio Lower Upper

278 100

139 14.7 13.8 20.8

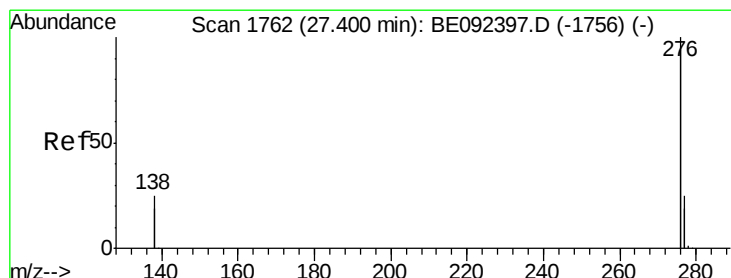
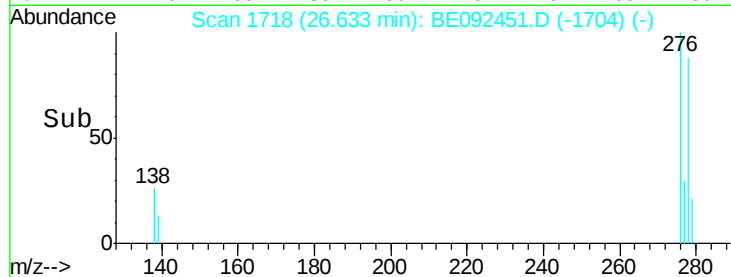
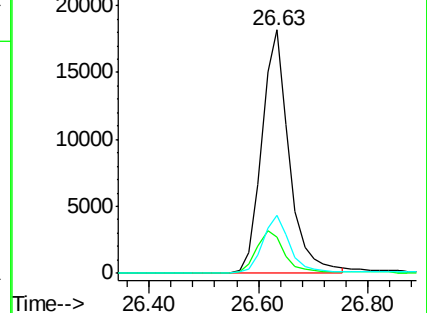
279 23.9 21.4 32.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#36

Benzo(g,h,i)perylene

Concen: 3.80 ng

RT: 27.38 min Scan# 1762

Delta R.T. 0.04 min

Lab File: BE092451.D

Acq: 7 Oct 2016 17:46

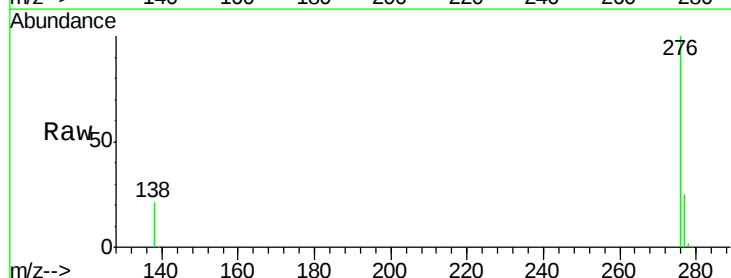
Tgt Ion:276 Resp: 260186

Ion Ratio Lower Upper

276 100

277 24.8 19.8 29.8

138 21.5 19.8 29.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

